



SOUTHERN POWER DISTRIBUTION COMPANY OF A.P., LIMITED
CORPORATE OFFICE :: TIRUPATI

#19-13-65/A, SRINIVASAPURAM, TIRUCHANOUR ROAD, TIRUPATI – 517503,

Memo.No.CGM(R&IA)/GM(R&IA)/SAO@/AAO(Rev.)/JAO-LTII/D.No.145/24, Dt.29-02-2024.

Sub:- LT Revenue wing – Integrated image billing process in Spot Billing Machine (SBM) application developed by IT Wing – Rolling out in the field w.e.f 01.03.2024 - Reg.

Ref:- 1. Note file no.328056 approved by the Hon'ble CMD, dated: 27.02.2024
2. Entd. No/GM/IT&SAP/EE/IT&SAP/F. No./D.No:530, Dt: 28/02/2024

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It is to inform that to avoid manual billing for IrDA Meters which are failed to get IrDA scanned, an integrated image billing process in Spot Billing Machine (SBM) software is developed by the IT Wing/Corporate Office/Tirupati and the same was approved by the Hon'ble Chairman and Managing Director vide ref. 1st cited.

2) Further, the image billing process by utilizing AI (Artificial Intelligence) Technology is initiated in billing software and same has been completed. The process flow is enclosed in Annexures – I & II. The flag code “3” is allocated to image billing, since flag code “2” was already given to IrDA billing and flag code “8” was given to IrDA manual billing.

3) In this regard while taking the image readings by using AI (Artificial Intelligence) Technology from IrDA Meters which are not scanned the following steps are to be followed:

1. For the meters which couldn't be scanned through IrDA, the SBA reader takes a photo image of the KWH reading for single phase meters and KWH, KVAH readings images of the 3-Phase meters with the help of cell phone camera prompted in the billing software app.
2. The image will be processed and a success response will appear with meter readings i.e KWH/KVAH and serial number on the screen.
3. The bill will be generated and given to the consumer in the spot itself.
4. The SBA reader has to try in thrice for success of the image billing. If the image billing process fails even after trying for three times, the service number must be moved to the concerned AE's Login for manual billing.
5. Preferably cell phone cameras with *8 mega pixel and above* is required for image billing.

(P.T.O)

4) In view of the above, the copy of the flow chart in connection with image billing process which is received from the GM/IT&SAP is herewith enclosed for ready reference and all the Superintending Engineers/Operation and all the Senior Accounts Officers/Opn. are requested to instruct the concerned field officers and Spot Billing Agencies to follow the above modifications in billing software and see that the 100% billing shall be completed within the scheduled dates without any deviation.

Encl: As above.


Chief General Manager/(Rev.&IA)

To

The Superintending Engineer/Opn./Nellore, Tirupati, Kadapa, Kurnool & Anantapur.

Copy to the Senior Accounts Officer/Opn./Nellore, Tirupati, Kadapa, Kurnool & Anantapur.

Copy to the General Manager/IT & SAP/Corporate Office/Tirupati.

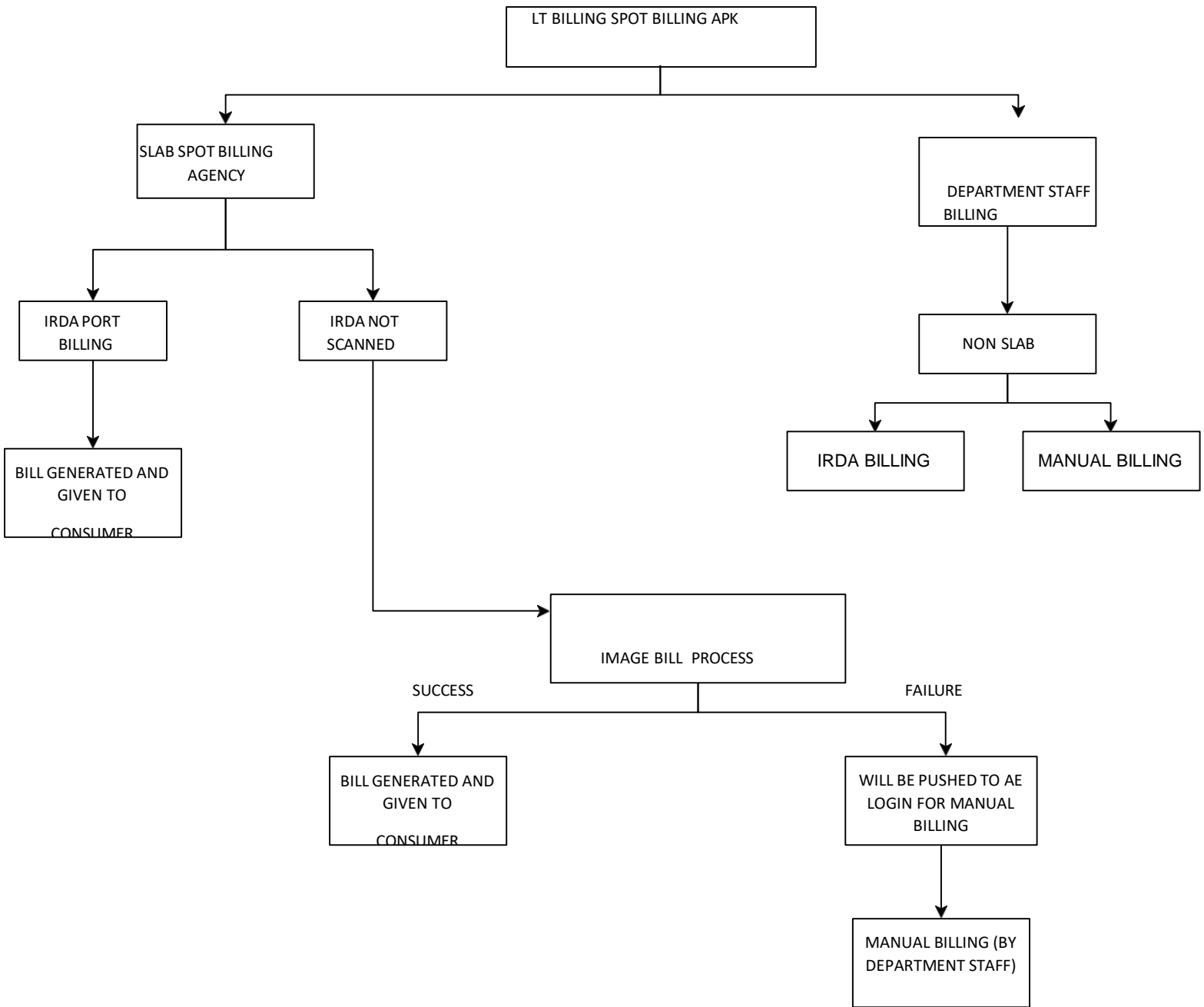
Copy to the Peshi / Director/Finance/ Corporate Office / Tirupati.

Copy to the Peshi / Director/Projects & IT/ Corporate Office / Tirupati.

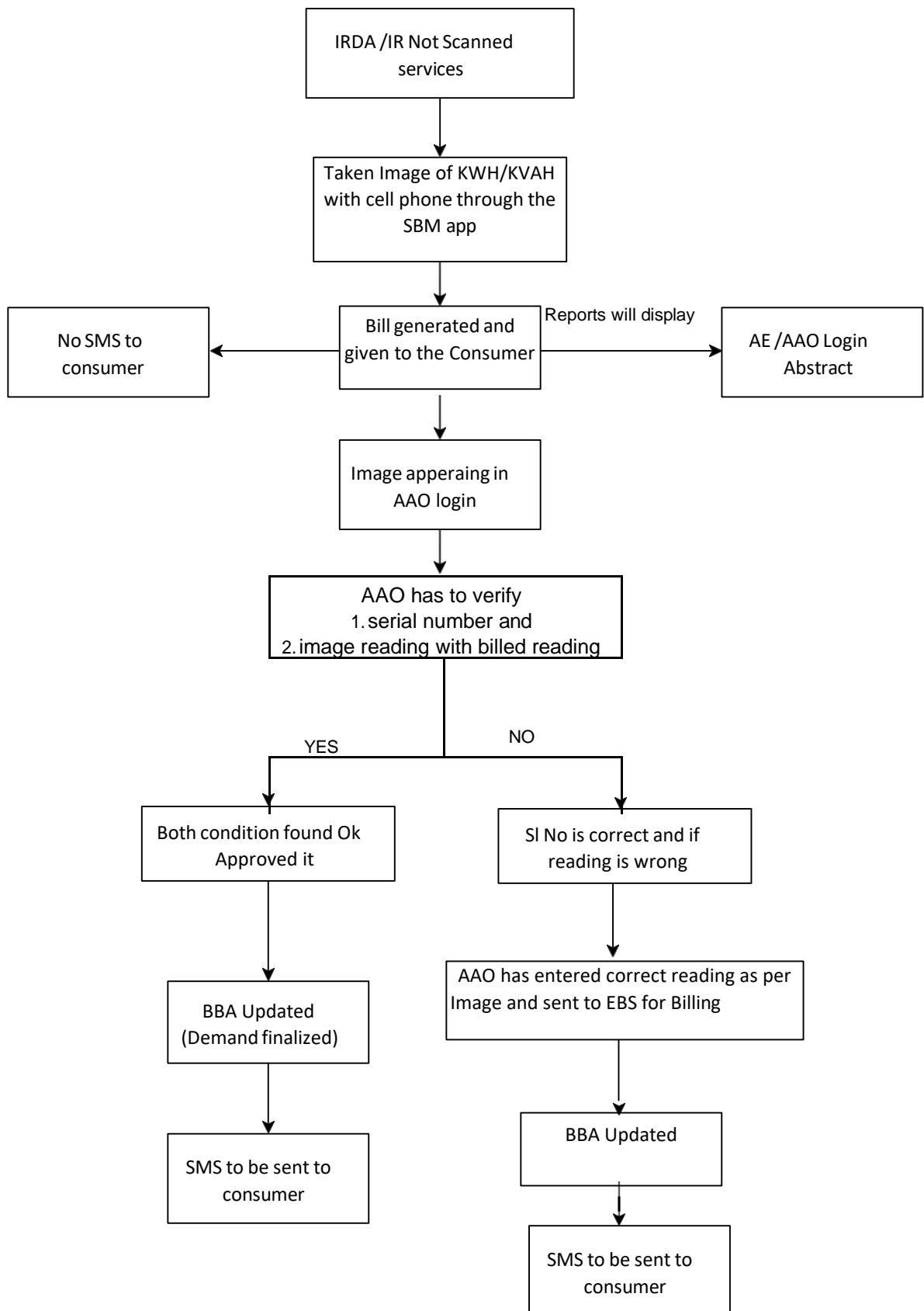
Copy to the Peshi /Chairman and Managing Director/ Corporate Office/Tirupati.

Stock File.

1. IRDA NOT SCANNED SERVICES BILLING USING IMAGE PROCESSING

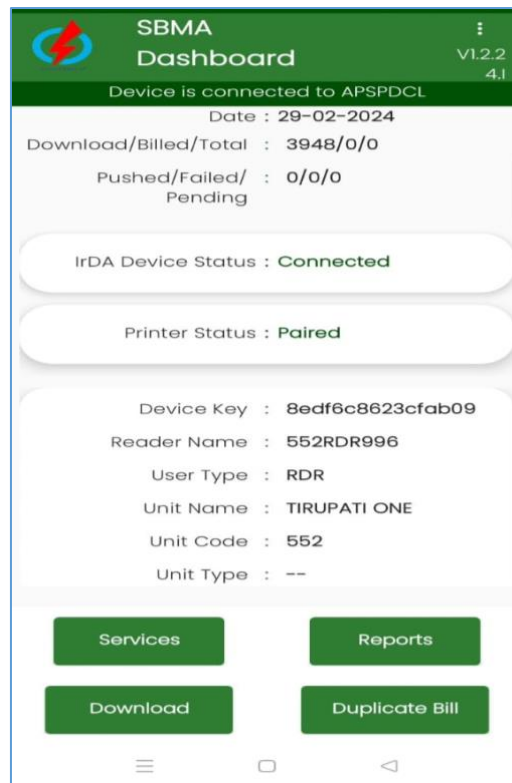


2. IMAGE BILLING PROCESS FLOW CHART

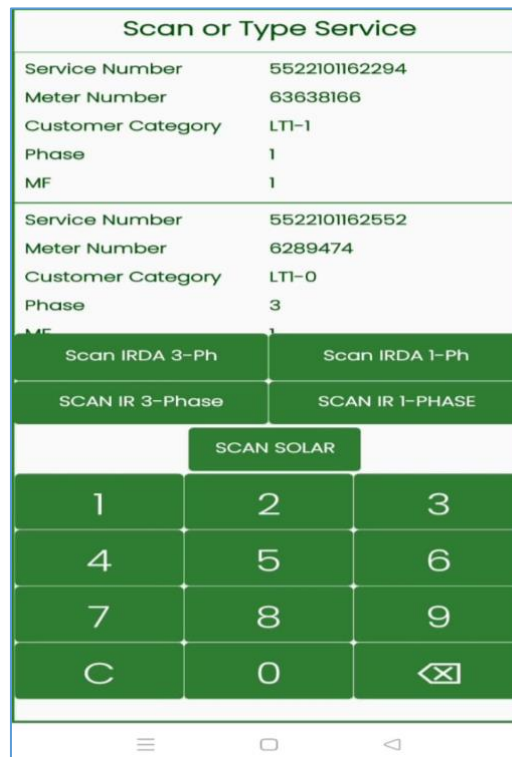


1. Login to the SBM Billing Mobile app.

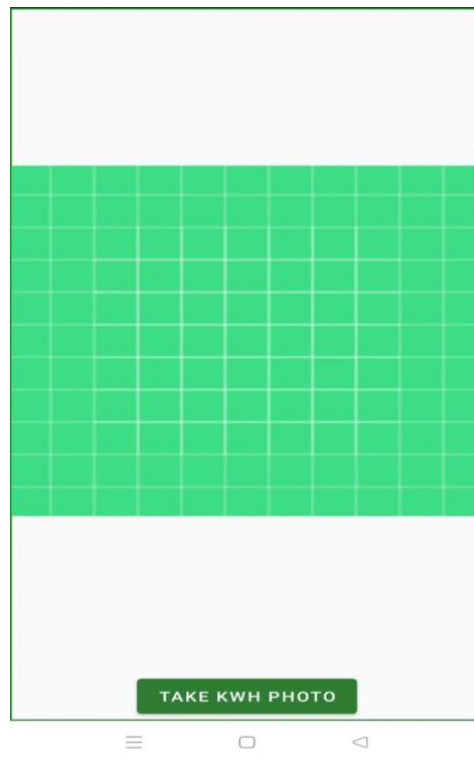
2. Download the billing data



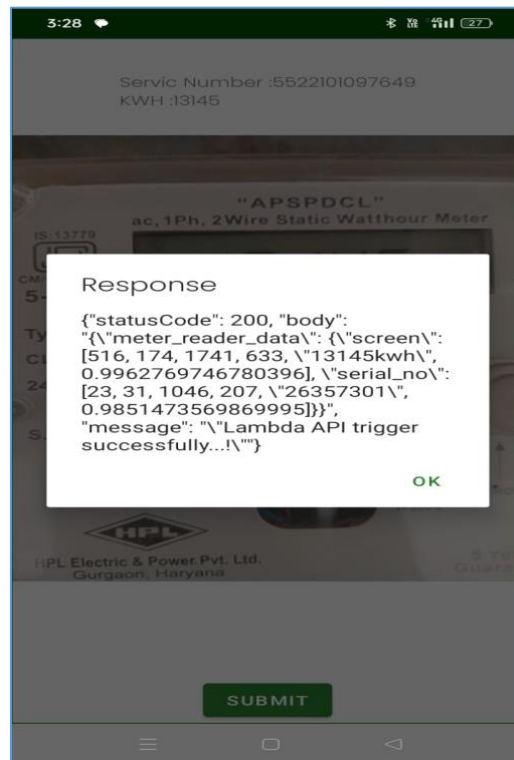
3. Scan the Meter.



4. IRDA /IR meter Not Scanned, App will display the 'Take Photo' screen as shown the below.



Click on the 'Take KWH Photo' (Single Phase) and take the proper photo of **KWH reading** in meter for Single Phase. For three phase meters need to take KWH and KVAH photos. It will read the details and show the response, verify the details once and click 'Ok'

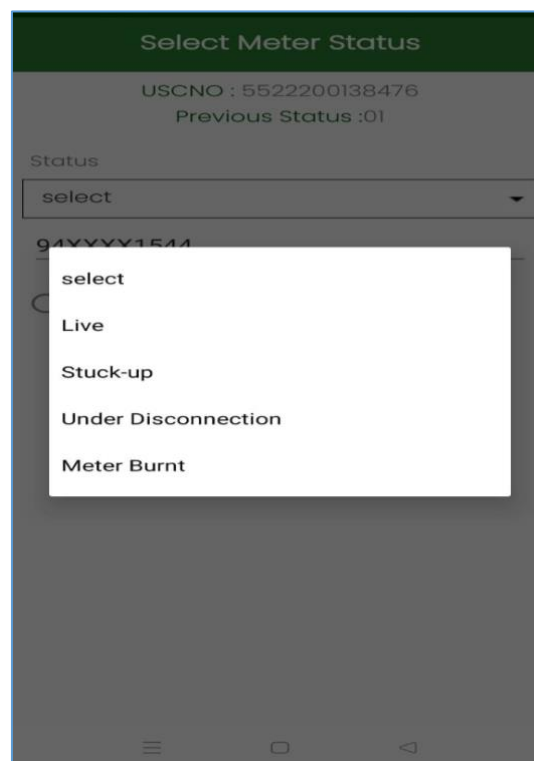


Note: If Image process fails maximum three times, it will show the Enter Service number screen, Reader can enter the Service number and the same will pushed to Department Login.

Once Response is submitted it will show the below screen and Click Submit.



Select the Meter Status.



Select the New option to enter the Secondary Mobile Number (Optional) and Next button.

If Secondary Mobile number is same as Primary Number select 'Same As Above' and click Next button

The screenshot shows a mobile application interface titled "Select Meter Status". At the top, it displays "USCNO : 5522200138476" and "Previous Status :01". Below this is a "Status" dropdown menu currently set to "Live". A text field contains the number "94XXXX1544". There are two radio button options: "Same As Above" (unselected) and "New" (selected). Below these is an "Alternate MobileNumber" text field. A green "Next" button is positioned below the text field. At the bottom of the screen is a numeric keypad with digits 1-9, *, #, 0, +, and a blue checkmark button.

Once click Next it will show the bill Details and click the Print option.

Receipt		
Energy Charges/	:	2408.25
Minimum Charges	:	
Fixed Charges	:	50.0
Customer Charges	:	55.0
Capacitor Surcharge	:	0
Electricity Duty	:	23.04
Interest on Electricity	:	0
Duty	:	
Surcharge for Late	:	0
Payment	:	
Other Charges	:	0.0
Adjustment Total	:	0.0
Subsidy Total	:	0.0
True-Up Charges	:	87.96
Adjustments (+/-)	:	0.04
Monthly Demand	:	2895
ISD Amount	:	0.0
Arrears As on Mar 31st	:	0
Arrears from Apr 1st	:	0
Total Arrears	:	0.0
Total Due	:	2895.0
Due Date	:	13-Mar-2024
Disconnection Date	:	30-Mar-2024
Last Paid Total	:	1382
Last Paid Date	:	17-01-2024
Make Digitalpaymentusing Web/Mobileapp		
Back		Print

16:47

Scan or Type Service

Service Number	5522200139391
Meter Number	30053188
Customer Category	LTI-2
Phase	1
MF	1
Service Number	5522200139225
Meter Number	16354669
Customer Category	LTI-2
Phase	3
MF	1

Scan IRDA 3-Ph

Scan IRDA 1-Ph

SCAN IR 3-Phase

SCAN IR 1-PHASE

SCAN SOLAR

1	2	3
4	5	6
7	8	9
C	0	✕

Print Completed

AAO Login Validation:

1. Once Image billing is successfully generated same images will display in AAO login for validation.
2. Images and readings are correct AAO can Approve the Data and same will updated into BBA, until it will BBA pending.
3. The details are not tailed AAO will reject the details and the USCNO will pushed to AE login for MANUAL Billing.
4. Image is correct and readings are wrong, AAO can edit the readings and submit once again and the same will be updated into BBA.

For Three Phase Meters Please Collect both Kwh and KVAH readings

